NEC Touch-Integrated V Series

46" & 65" touch-integrated, commercial-grade LCD displays

Experience top-of-the-line touchscreen capability without having to maximize your budget. The 46" V462-TM and 65" V651-TM provide a cost-conscious, fully integrated touchscreen solution for your digital signage and interactive screen applications. Their integrated 4-camera optical imaging touch components and double-sided anti-reflective protective glass, combined with a high-performance panel and advanced technologies, make these displays ideal for any multi-touch application. Utilize up to six simultaneous touches to provide interactivity within the classroom, exhibit wayfinding in retail environments, build brand awareness or turn heads during hands-on presentations. The V462-TM and V651-TM also support Open Pluggable Specification (OPS), the first industry-wide standardization in option slots, simplifying installation, use and maintenance of digital content.
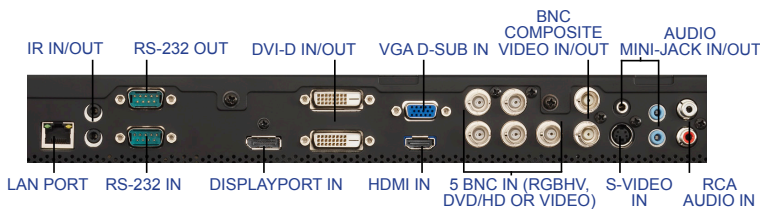
Highlights

- **Integrated optical imaging** allows for up to six simultaneous touch points*
- **Four 2-megapixel sensors** with a total height of 4mm are embedded into each corner of active area, allowing for an extremely low-profile touch solution
- **Infrared light guides** are installed along each side of the panel and emit a thin, planar beam of light to fill the sensing region
- **Double-sided AR Glass** is integrated on the panel, protecting the liquid crystal display, while providing high brightness transmittance and low glass reflectance
- **Expanded connectivity with built-in expansion slot** allows for seamless integration of current and future NEC accessories and third-party components
- **Commercial-grade design** leads to the displays' extended use for various applications
- **Public-display-grade panel** protects against permanent image retention
- **Comprehensive input panel**, including DisplayPort, HDMI, 5 BNC (RGBHV, DVD/HD, or composite video), DVI-D (in/out), and 15-pin D-sub in/out, connects you to the latest peripherals
- **High brightness and contrast ratio** help create eye-catching images and crisp, easy-to-read text
- **Integrated 10W speakers** provide stereo audio for those applications requiring sound
- **Extensive control, diagnostic and communication** provide the highest level of remote display management. These include:
    - **RS-232-enabling multi-display control and daisy chain** allows for individual and group-addressable control, and simple, effective setup and monitoring of the display
    - **Ethernet connectivity** adds the same RS-232 control plus automatic email notification for diagnostic purposes
    - **NaViSet™ software** offers an intuitive graphical interface, allowing for easy adjustment of display settings via mouse and keyboard. NaViSet Administrator provides all the advanced control to remotely located IT professionals.
    - **DDC/CI standard** allows for PC control of the display based on the VESA command set
- **Scheduler with round-the-clock feature** allows for 7-day scheduling of content and powering of the display
- **Extensive environment-friendly components** contribute to significant energy savings and a lower total cost of ownership
- **Built-in handles**, available with larger-sized models, allow for easier transport and installation

* Dependent upon the operating system in use.

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Specifications for V462-TM/V651-TM

MODEL	V462-TM	V651-TM
LCD MODULE		
Panel Technology	SPVA (B-DID)	A-MVA
Viewable Image Size	46"	65"
Native Resolution	1920 x 1080	
Brightness (Typical/Maximum)	330 cd/m² / 430 cd/m²	360 cd/m² / 480 cd/m²
Contrast Ratio (Typical)	3000:1	5000:1
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	
Response Time (G-to-G)	8ms	
Aspect Ratio	16:9	
Active Screen Area (W x H)	40.1 x 22.6 in. / 1018.1 x 572.9mm	56.2 x 31.6 in. / 1428.5 x 803.5mm
Orientation	Landscape/Portrait	Landscape
Displayable Colors	More than 16.7 million	
Brightness Transmission	>96%	
Light Reflection	<2%	
Touch Method and Object Size	Finger, glove and stylus with 12mm diameter and above	
CONNECTIVITY		
PC/Mac Signal Compatibility	Yes	
Input Terminals		
Digital	DisplayPort, HDMI, DVI-D	
Analog	VGA 15-pin D-sub, 5 BNC (RGBHV, DVD/HD or Video), BNC Composite, S-Video	
Audio	RCA Audio, Stereo Mini-Jack (2), HDMI Audio, DisplayPort Audio	
External Control	RS-232C, Ethernet (RJ45), IR Remote, DDC/CI	
Output Terminals		
Digital	DVI-D	
Analog	BNC Composite	
Audio	Stereo Mini-Jack, External Speaker Jack (2)	
External Control	RS-232C, IR Remote	
POWER CONSUMPTION		
On (Typical)	165W	330W
ECO Mode Standby	<1W	
PHYSICAL SPECIFICATIONS		
Bezel Width (L/R, T/B)	2 in./2 in., 1.8 in./1.8 in. ; 50.4mm/50.4mm, 45mm/45mm	2.1 in./2.1 in., 2 in./2 in. ; 53.5mm/53.5mm, 51.5mm/51.5mm
Net Dimensions (without stand; WxHxD)	44.2 x 26.2 x 4.8 in. / 1121.5 x 664.7 x 121.5mm	60.6 x 35.8 x 5.2 in. / 1540.4 x 909.2 x 132.7mm
Net Weight (without stand)	73.6 lbs. / 33.4 kg	165.9 lbs. / 75 kg
VESA Hole Configuration	300 x 300mm (4-hole)	400 x 400mm (4-hole)
ENVIRONMENTAL CONDITIONS		
Operating Temperature	41-104°F / 5-40°C	
Operating Humidity	20 - 80%	
Operating Altitude	9843 ft. / 3000m	
LIMITED WARRANTY	3 years parts and labor, including backlight*	
ADDITIONAL FEATURES	Integrated 4-camera optical imaging touch solution; Double AR protective glass; Advanced thermal capabilities; Advanced cooling system; Sealed panel design; TileMatrix (10x10); TileComp; Separate group/Monitor ID function; CableComp+; Ethernet Control and Communication; RS-232 Control and Communication; Carbon footprint meter; Plug and Play (DDC/CI, DDC2B); Scheduler (w/ real-time clock); Built-in speakers; OPS/Expansion slot	
SHIPS WITH	Power cord; VGA cable (Mini 15-pin D-sub); Wireless remote control; Batteries; Main switch cover; CD-ROM (user manual); Clamp; Screws; USB A to B Cable	
OPTIONAL ACCESSORIES	Speakers (SP-RM1 and SP-4046PV); Stand (ST-4620); Adapter Mount Kit (AMK-V462)	Speakers (SP-RM1); Stand (ST-651)
	Single Board Computer (NET-SBC-01); Single Board Computer (NET-SBC-02); Single Board Computer (NET-SBC-03); Internal HD-SDI Card (SB-L007KK); DVI Daisychain (SB-L008WU); Digital IP Tuner (MPD-DTi); Wall Mount Kit (WMK-3257); Accessory pack for Wall Mount Kit (MIS513); OPS with Intel Core i5 (N8000-8830); OPS with AMD Dual Core Fusion, 160GB Hard Drive, W7P (OPS-PCAF-WH); OPS with AMD Dual Core Fusion, 32GB SSD, W7P (OPS-PCAF-WS); OPS with AMD Dual Core Fusion, 160GB Hard Drive, No OS (OPS-PCAF-H); OPS with AMD Dual Core Fusion, 32GB SS, W7P (OPS-PCAF-S); OPS Adapter (SB-02AM)	

* Warranty restrictions apply. Contact your representative for details.

IR IN/OUT · RS-232 OUT · DVI-D IN/OUT · VGA D-SUB IN · BNC COMPOSITE VIDEO IN/OUT · AUDIO MINI-JACK IN/OUT

LAN PORT · RS-232 IN · DISPLAYPORT IN · HDMI IN · 5 BNC IN (RGBHV, DVD/HD OR VIDEO) · S-VIDEO IN · RCA AUDIO IN

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